

PRODUCTION OF ORALLY ADMINISTRTING AGENT HAVING ACTION FOR SUPPRESSING PROLIFERATION OF MALIGNANT TUMOR CELL OF ANIMAL INCLUDING HUMAN**Publication number:** JP7233061**Publication date:** 1995-09-05**Inventor:** NAGANUSHI YOUICHIROU; SAKAIRI MASAKI**Applicant:** GLOBAL ART KK**Classification:**

- international: C07D319/12; A61K31/22; A61K31/335; A61K31/357; A61K31/765; A61P35/00; C07D323/00; C08G63/06; C07D319/00; A61K31/21; A61K31/335; A61K31/357; A61K31/74; A61P35/00; C07D323/00; C08G63/00; (IPC1-7): A61K31/22; A61K31/335; A61K31/765; C07D319/12; C07D323/00; C08G63/06; A61K31/22; A61K31/335; A61K31/765

- European:**Application number:** JP19940046563 19940222**Priority number(s):** JP19940046563 19940222[Report a data error here](#)**Abstract of JP7233061**

PURPOSE: To provide a method for producing an orally administrating agent having action for suppressing proliferation of malignant tumor cells of animals including human, suitable for mass production, excellent in pharmacological effect and hardly occurring adverse effect. **CONSTITUTION:** L-lactic acid is heated while aerating an inert gas such as nitrogen gas at ordinary pressure or under reduced pressure to afford a reaction liquid. This reaction liquid contains a mixture of L-lactic acid straight-chain condensate having 3-25 degree of condensation and L-lactic acid cyclic condensate having 2-15 degree of condensation. The reaction liquid is directly used or the reaction liquid is suspended in ethyl alcohol and divided into a soluble component and an insoluble component and these components are as necessary subjected to neutralization treatment. The reaction liquid may be mixed with a stabilizer, so as not to readily hydrolyze or mixed with a food additive, etc., so as to facilitate intake by human or other animal. When the original shape of the agent is solid, the solid may be converted to powder and may be processed into a shape such as tablet or capsule and when the original shape of the agent is a liquid, the liquid may be converted to soft capsule or directly packed in a bottle and when used, as necessary, the agent is dissolved in water and used.

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